

ABSTRACT

The present invention provides a vascular stent graft. The vascular stent graft comprises a main vessel stent graft and a bypass stent graft to bypass a portion of vascular anatomy, connecting branch stent graft to provide flow to branch vessels to remove a portion of the vascular anatomy from circulation. The main vessel stent graft is designed with or punctured to contain an access port through which the bypass or connecting branch stent graft is received. A sealing relationship is formed between the stents to prevent leakage or bleeding.

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